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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO. 14-R-0003

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

14-R-0003, Cust Id 100

DANA-FARBER CANCER INSTITUTE
44 BINNEY ST
ONE JIMMY FUND WAY

ONE JIMMY FUND WAY

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teachin, BOSTON, MA 02115

ional

FACILITY LOCATIONS (Sites)

Redstone Building

Smith Research Bldg. Floor 11

Mayer 3

sheets if necessary.)

Smith Research Bldg. Floor 12

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					·
6. Guinea Pigs	12	0	156	0	156
7. Hamsters					ļ
8. Rabbits					
Non-human Primates					
10. Sheep					
11. Piqs					
12. Other Farm Animals				•	
13. Other Animals					
Tree Shrews	2	0	2	0	2
ASSURANCE STATEMENTS					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFIC	CIAL
(Chief Executive Officer or Legally Responsible Institutional Officia	11

(Chief Executive Officer or Legally Responsible Institutional Official)

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

AL (Type or Print)

DATE SIGNED

11/7/00

See reverse side for additional information

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

include Zip Code)

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

14-R-0004, Cust Id 101

PINE ACRES RABBITRY/FARM

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

299 E. MAIN STREET NORTON, MA 02766

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching sheets if necessary.)

itional

سد بعطر

FACILITY LOCATIONS (Sites)

1. 4 - Walle

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMAL (Cols. C D + E)
I. Dogs	18	103	14		117
5. Cats					
5. Guinea Pigs	15	4		_	4
7. Hamsters					
3. Rabbits	97	276			276
Non-human Primates				-	
10. Sheep		//			11
I1. Pigs	47	516			5/6
12. Other Farm Animals					
c Hickor's	255	1100			1100
13. Other Animals					
opprssyn		41			41

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquitizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive O	HEADQUARTES RESEARCH FACILITY OFFICIAL fficer or Legally Responsible Institutional Official) above is true, correct, and complete (7 USC Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		10.10.00

additional information

Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO. 14-R-0010

FORM APPROVED OMB NO 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA, include Zip Codel

The Schepens Eye Research Institute 20 Staniford Street

Boston, MA 02114 Status: Active

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Siles)

Main Research Building, 20 Staniford

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analyesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	26	0	0	26
7. Hamsters	0	0	0	0	0
8. Rabbits	2	31	229	0	260
9. Non-human Primates	0	0	3	0	3
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	00
13. Other Animals	0	0	0	0	0

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2). Each principal investigator has considered alternatives to painful procedures
- 3). This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Legitify that the above is true, correct, and complete (7.11.5.C. Section 2143)

DATE SIGNED

(b)(6), (b)(7)c

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete)

HINITED STATES DEPARTMENT OF AGRICUITHIRE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS F

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

include Zip Code) 14-R-0013, Cust ld 99

ST. ELIZABETH'S MEDICAL CENTER OF BOSTON 736 CAMBRIDGE STREET **BOSTON, MA 02135**

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Sites)

Center for Biomedical Research Building 720 Cambridge St., Boston, MA 02135

sheets if necessary.)

Pine Acres Rabbitry/Farm <u> 299 E. Main St., Norton, MA 02766</u>

A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	33	0	33
7. Hamsters	0	0	0	0	0
8. Rabbits	2	0	342	0	344
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals					
Rats	8	0	1,972	0	1,980
Mice	400	0	2,374	0	2,774

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, 1) and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Logithy that the above is true correct, and competent (7.11.5.0. Contract 21.42)

DATE SIGNED

^{SIGN}(b)(6), (b)(7)c

(Type or Print)

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

See reverse some for additional information 6180 8GA-4N

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO. 14-R-0016

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address include Zip Code)

14-R-0016, Cust ld 110

L C F FOUNDATION, INC. 41 MALL ROAD **BURLINGTON, MA 01805**

sheets if necessary.) **FACILITY LOCATIONS (Sites)**

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	' (Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which feaching, experiments, research, surgery or fests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the feaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (COIS. C + D + E)
4. Dogs	n/a				n/a
5. Cats	n/a				n/a
6. Guinea Pigs			12		12
7. Hamsters	n/a				n/a
8. Rabbits			20		20
9. Non-human Primates	n/a				n/a
10. Sheep	n/a				n/a
11. Pigs			6		6
12. Other Farm Animals					
Goats			10		10
13. Other Animals	n/a				n/a

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquitizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL.
(Chief Executive Officer or Legally Responsible Institutional Official)
Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED Print)

APHIS FORM 7023

ASSURANCE STATEMENTS

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

ith USDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(

include Zip C 14-R-0017, Cust ld 112

2. HEADQUARTERS RESEARCH

BOSTON UNIVERSITY 5 CUMMINGTON STREET BOSTON, MA 02215

Lab. Animal Care Facility

Biology

Biomedical Engineering

Psychology, Health Sciences

REPORT OF ANIMALS USED BY C		RESEARCH FACILITY	Psychol (Attach adiditional sheets if ne	ogy, Health Sciences	<u> </u>
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMAL (Cols. C D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters	8		20		20
8. Rabbits			2		2
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ferret	6		16		16
gerbils	25		134		134
ASSURANCE STATEMENTS					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
		12/1/00			
APH					

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

1. REGISTRATION NO.

FORM APPROVED. OMB NO 0579-0036

Name and Address, as registered with USDA 2. HEADQUARTERS include Zip Code)

14-R-0018, Cust Id

MASSACHUSETTS INSTITUTE OF TECHNOLOGY OFFICE OF SPONSORED PROGRAMS 77 MASSACHUSETTS AVENUE

CAMBRIDGE, MA 02139

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or necessary teaching, teaching, or experimentation, or necessary teaching. sheets if necessary.)

litional

FACILITY LOCATIONS (Sites)

Buildings 56,68, El7/18, E25

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (COIS. C + D + E)
4. Dogs		0 .	0		0
5. Cats		0	25		25
6. Guinea Pigs		17	0		17
7. Hamsters		0	82		82
8. Rabbits		46	307		353
9. Non-human Primates		10	40		50
10. Sheep		0	13		13
11. Pigs		0	3		3
12. Other Farm Animals					
Chicken		0	284		284
13. Other Animals					
Ferrets		0	46		46
Mouse Rat		7,368 295	53,048 1,890		60,416 2,185
Frogs		16	2,593		2,609

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, feaching, festing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures

SIGNATURE OF C.F.O. OR INSTITUTIONAL OFFICIAL

- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

NAME & TITLE OF CEO OR INSTITUTIONAL OFFICIAL Chare of Print)

DATE SIGNED

See reverse's be for additional information interagency, Peur nt Suntrot (1) _0180-004-41

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO 14-R-0019

107

FORM APPROVED OMB NO. 0579-0036

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with the USDA, include Sip Code)

Harvard Medical School Ctr. for Animal Resources & Comparative Medicine 665 Huntington Avenue Boston, MA 02115 Status: Active

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ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

See attached.

See attached.

A. Animals Covered By The Animal Welfare Regulations 12. &/OR 13. Other (List by Species)	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching research, experiments or tests were conducted involving no pain, distress, or use of pain relieving drugs.	D. Numbers of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report.)	TOTAL NO. OF ANIMALS (Cols. C + D+E)
4. Dogs	0	0	61	0	61
5. Cats	0	0	57	0	57
6. Guinea Pigs	0	1	0	0	1
7. Hamsters	0	103	235	0	338
8. Rabbits	6	42	514	0	556
9. Non-human Primates	1435	31	653	0	684
10. Sheep	0	0	156	00	156
11. Pigs	0	0	587	0	587
12. Other Farm Animals					
Goats	0	0_	1	0	1
13. Other Animals					
-ehickens	0	451	0	0	451
Ferrets	0	0	26	0	26
Frogs	5	0	271	0	271
Gerbils	0	40	0	0	40
Mice (deer)	0	530	0	0	530

- 1. Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4. The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL

DATE SIGNED

11/29/00

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)($\overline{7}$)(c).

1 REGISTRATION NO 14-R-0019 FORM APPROVED OMBINO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with the USDA, include Sip Code)

Harvard Medical School Ctr. for Animal Resources & Comparative Medicine 665 Huntington Avenue Boston, MA 02115 Status: Active

A. Animals Covered By The Animal Welfare Regulations 12. &/OR 13. Other (List by Species)	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching research, experiments or tests were conducted involving no pain, distress, or use of pain relieving drugs.	D. Numbers of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used. E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, experiments, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or interpretation of the teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or interpretation of the teaching, experiments, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or interpretation of the teaching, experiments, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or interpretation of the teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures producing pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the proced		F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
13. Other continued					
Birds (wild caught)	0	15	0	0	15
Degus	0	0	31	0	31
		-			7
					:
	·				
		Ž.11.3			
		-			
		:			
				- 100 TO	
					M
					5.

- 1. Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2. Each principal investigator has considered alternatives to painful procedures.
- 3. This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4. The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).	
SIC	ITUTIONAL OFFICIAL	DATE SIGNED 11/29/00

FACILITY SITES LISTING

Licensee/Registrant Name:

Harvard Medical School

Center for Animal Resources & Comparative Medicine

License/Registration Number:

1

14-R-019

Please list below all sites that house animals under the above registration number. Be sure to include all requested information. Do not leave any spaces blank. If lines do not apply, please mark it N/A. If you have more than three (3) sites, please copy this form as many times as needed before filling in the sites.

Site No.:

Name/Department:

Center for Animal Resources

& Comparative Medicine (ARCM)

Address:

Boston MA 02115

(a) Building(s):

ARCM/Central - HSPH/Bldgs. I&II

665 Huntington Avenue

Floor/Room:

Ground and Basement Levels

Contact Person: Phone Number:

(b) Building(s):

ARCM/Seeley G. Mudd Building and Harvard

Center for Minimally Invasive Surgery

250 Longwood Avenue

Lower Level

Floor/Room:

Contact Person:
Phone Number:
Contact Person:

Phone Number:

(c) Building(s):

ARCM/Warren Alpert Building

200 Longwood Avenue

Floor/Room: Lower Level

Phone Number:

Contact Person:

r none r amber.

Building:

ARCM/Harvard Institutes of Medicine

77 Avenue Louis Pasteur

Floor/Room:

Contact Person:

Phone Number:

Lower Level

Site No.:

17 Name/Department:

New England Regional Primate Research Center

Address:

(d)

One Pine Hill Drive Southboro, MA 01772

Building(s):

Main Building and Three Out Buildings

Floor/Room:

Basement and Ground Floors

Contact Person:

Phone Number:

FACILITY SITES LISTING

Licensee/Registrant Name:

Harvard Medical School

Center for Animal Resources & Comparative Medicine

License/Registration Number:

14-R-019

Please list below all sites that house animals under the above registration number. Be sure to include all requested information. Do not leave any spaces blank. If lines do not apply, please mark it N/A. If you have more than three (3) sites, please copy this form as many times as needed before filling in the sites.

Site No.:

18

Name/Department:

USDA Registration No.:

Address:

Building:

Floor/Room:

Contact Person: Phone Number:

ARCM/Thorn (satellite)

14-R-092

20 Shattuck Street, Boston MA 02115

Thorn Building

15th Floor

Site No.:

21

Name/Department:

Pine Acres Rabbitry/Farm (satellite - swine/dog housing

only)

USDA Registration No:

Address: Building:

Floor/Room:

Contact Person: Phone Number: 14-B-52

299 East Main Street, Norton MA 02766

Main Building

First Floor

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

See attached form for additional information

1. CERTIFICATE NUMBER: 14-R-0020

CUSTOMER NUMBER: 117

FORM APPROVED

Interagency Report Cong

OMB NO. 0579-0036

DEC 12 and

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Children'S Hospital, The John Enders Pediatric Research 300 Longwood Avenue , Enders 146, ATTN:

Boston, MA 02115

Telephone: (617) -355-7058_ 355-7386

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites) - See Atached Listing

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred. conditioned, or held for use in teaching, testing, experiments, research, or surgery but not ye	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, a	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to	TOTAL NUMBER OF ANIMALS (COLUMNS C + D + E)
4. Dogs	0	0	25	. 0	25
5. Cats	0	0	1	0	1
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	4	129	0	133
9. Non-human Primate	0	0	0	0	0
0. Sheep	0	0	71	0	71
I1. Pigs	0	0	219	0	219
2. Other Farm Animals	0	0	0	0	0
13. Other Animals	N/A	N/A	N/A	N/A	N/A
			1		

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO/0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

14-R-0021, Cust ld 118

NORTHEASTERN UNIVERSITY 360 HUNTINGTON AVENUE

423 LAKE HALL

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, texture).

h additional

FACILITY LOCATIONS (Sites)

Mugar Life Sciences Building

Nightindale Hall

Richards Hall

sheets if necessary.)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or fests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMAL: (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters		396	102		498
8. Rabbits			65		65
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

SURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
	(Cine) Executive Officer of Legany Responsible Institutional Official)	
SIC		DATE SIGNED
		11/29/0
AP		

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14-R-0022

OMB NO 0579(0036)

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code 14-R-0022, Cust ld 119

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

MASSACHUSETTS EYE & EAR INFIRMARY

243 CHARLES STREET BOSTON, MA 02114

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teach..., sheets if necessary)

ditional

FACILITY	LOCATIONS	(Sites)
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Massachusetts Eye & Ear Infirmary

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMAL: (COIS. C + D + E)
4. Dogs			0		0
5. Cats			38		38
6. Guinea Pigs			170		170
7. Hamsters			0		0
8. Rabbits			231		231
9. Non-human Primates		-	26		26
10. Sheep			0		0
11. Pigs			3		3
12. Other Farm Animals					
13. Other Animals					
Chinchillas			10		10
Frogs			36		36

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION B	YHEADQUARTES	RESEARCH F	ACILITY O	FFICIAL
(Chief Executive	Officer or Legally R	esponsible Inst	itutional Of	ficial)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

APMIS CONIVI 1023

(Heplaces VS FORM 18-23 (OCT 88), which is obsolete (

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with HSDA include Zip Code)

14-R-0025, Cust ld 121

HOLYOKE COMMUNITY COLLEGE **VETERINARY & ANIMAL SCIENCE** 303 HOMESTEAD AVENUE HOLYOKE, MA 01040

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or exsheets if necessary.)

FACILITY LOCATIONS (Sites)

Holyoke Community College Kennel & Mrb-Building (formerly named D-Building)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs		3	4		7
5. Cats		7	3		10
6. Guinea Pigs		2			2
7. Hamsters		2			2
8. Rabbits		3	2		5
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Gerbils		2			2
					1

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and II has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

(Chief Executive Office	ADQUARTES RESEARCH FACILITY OFFICIAL er or Legally Responsible Institutional Official) e is true, correct, and complete (7 USC Section 2143)	
SIGNATURE OF CEO. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF A C. O. WOTTHTOWN OFFICE Stype or Print)	DATE SIGNED /0-27-00

Secreters: "de for additional information

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO. 14-R-0027

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

AVANT IMMUNOTHERAPEUTICS, INC. 119 FOURTH AVENUE

NEEDHAM, MA 02194

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teach

DEC - 5 2000

FACILITY LOCATIONS (Sites)

FOURTH AVE. NEEDHAM MA

animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMAL: (Cols. C + D + E)
	95	23		118
				ļ
	bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not yet used for such	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	animals upon bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. which experiments, teaching, research, surgery, or lests were conducted involving no pain, distress, or use of pain- relieving drugs which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	animals upon which teaching, research, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes. Which experiments, research, or surgery out not yet used for such purposes. Which experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs wore used. Which experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or interpretation of the teaching, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or interpretation of the teaching, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or interpretation of the teaching, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or interpretation of the procedures, results, or interpretation of the procedures producing pain or distress to the animals underpretation of the procedures producing pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or interpretation of the procedures producing pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or interpretation of the procedures producing pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures producing pain or distress to the animals underpretation of the procedures producing pain or distress to the animals underpretation of the procedure producing pain or distress to the animals underpretation of the procedure producing pain or d

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Legally that the above is true, correct, and complete (7 U.S.C. Section 2143)			
SIGNATI		IAL (Type or Print)	DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUAR

include Zip 14-R-0029, Cust ld 125

> NEW ENGLAND AQUARIUM 177 MILK STREET BOSTON, MA 02110

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or new routinesse purposes and additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

Marine Mammal Department-Discovery

Animal Care Center - Main Building

Α.	B. Number of	C Number of		E. Number of animals upon which teaching,	1_
Animals Covered By The Animal Wellare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	winner of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate enesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research.	TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs			***************************************		
7. Hamsters			***************************************		
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
California sea- lions	4	2	0	0	2
harbor seals	7	1	0	0	1
California sea- otters	2	2	0	n	2

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL. (Chief Executive Officer or Legally Responsible Institutional Official) Lectify that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED 9/26/00		

Section verse is the low additional information 0180 DO4 AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO. 14R-0030 2. HEADQUARTERS P

FORM APPROVED OMB NO 0579-0036

ınclude Zip Code) 14-R-0030, Cust ld 126

> **BRANDEIS UNIVERSITY GRANT, CONTRACT & PATENT ADMIN** P.O. BOX 9110 WALTHAM, MA 02254

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Foster Biomedical Research Laboratories - Brandeis University FACILITY LOCATIONS (Sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adiditional sheets if necessary or use APHIS FORM 7023A.) Number of animals upon which teaching, B. Number of C Number of D. Number of animals upon experiments, research, surgery or tests were animals being animals upon which experiments, bred. conducted involving accompanying pain or distress which teaching, **Animals Covered** teaching, research, to the animals and for which the use of appropriate conditioned, or By The Animal research, TOTAL NO. surgery, or tests were anesthetic, analgesic, or tranquilizing drugs would held for use in Welfare Regulations experiments, or conducted involving OF ANIMALS teaching, testing. tests were have adversely affected the procedures, results, or accompanying pain or distress to the animals interpretation of the teaching, research, experiments. conducted (Cols. C + D + E) research, or experiments, surgery, or tests. (An explanation of involving no and for which appropriate the procedures producing pain or distress in these surgery but not pain, distress, or anesthetic, analgesic, or animals and the reasons such drugs were not used yet used for such use of paintranquilizing drugs were purposes. must be attached to this report). relieving drugs 0 Dogs 0 Cats 0 Guinea Pigs 82 380 82 Hamsters 17 17 8 Rabbits 0 Non-human Primates 0 10. Sheep Λ 11. Pigs 0 12. Other Farm Animals 0 13. Other Animals 192 192 Gerbils

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of annual care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Legroly that the above is true, correct, and complete (7 USC Section 2143)			
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED	
		10/18/00	

ASSURANCE STATEMENTS

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

OMB NO 0579-0036

2. HEADQUARTERS

include Zip Code. 14-R-0031, Cust ld 127

ORAVAX, INC. 38 SIDNEY STREET CAMBRIDGE, MA 02139

	o \	2
	5.2	
C_{r}		

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or neid for these purposes. Check solditional sheets if necessary.)

FACILITY LOCATIONS (Sites)

CraVax, Inc., 38 Sidney St.,

Cambridge, MA 02139

A	B. Number of	C Number of		ecessary or use APHIS FORM 7023A) * E. Number of animals upon which feaching,	
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of annuals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research.	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					-
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Gerbils			113		113
ASSURANCE STATEMENTS	. L.,				<u> </u>

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
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- 4) The attending vetermarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Licertify that the above is true correct, and complete (7.11.0.0. Souther 23.42)

HONATHDE OF CEO. C	A LA LA CATALLETTE ON A L	OCCIOIAI	9 .

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

10/23/00

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (OCT 88), which is obsolete)

Some tecanitive value for additional information

o terapida a periodi 0130 DOA AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and A include Zip Code)

USDA.

SHRINERS BURNS 51 BLOSSOM STREET **BOSTON, MA 02114**

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching sheets if necessary.) see attached

..... mese purposes. Attach additional

FACILITY LOCATIONS (Sites)

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely attected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			106		106
9. Non-human Primates					
10. Sheep			10		10
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

(Chief Executive Of	HEADQUARTES RESEARCH FACILITY OFFICIAL fficer or Legally Responsible Institutional Official) above is true, correct, and complete (7 USC Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11-29-00
APHIS F		

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1 REGISTRATION NO.

FORM APPROVED OMB NO 0579-0038

2. HEADQUARTE! include Zip Coc

14-R-0036, Cust ld 515

ySDA.

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

UNIVERSITY OF MASSACHUSETTS AT AMHERST ANIMAL CARE OFFICE, GRAD. SCH. 512 GOODELL BUILDING

AMHERST, MA 01003

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets it necessary.)

FACILITY LOCATIONS (Sites)

see attached

A	B. Number of	C Number of		E. Number of animals upon which teaching,	T _
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	Ø	Ø	Ø	Ø	Ø
5. Cats	Ø	Ø	Ø	Ø	Ø
6. Guinea Pigs	Ø	Ø	Ø	Ø	ø
7. Hamsters, syrian	117	116	1492	Ø	1608
8. Rabbits	6	16	76	Ø	92
9. Non-human Primates	Ø	10	Ø	Ø	10
10. Sheep	Ø	Ø	Ø	Ø	Ø
11. Pigs	Ø	Ø	53	Ø	53
12. Other Farm Animals					
Cattle Cattle	Ø	Ø	2	Ø	2
13. Other Animals					
Hamsters, siberian	383	7	43	Ø	50
Gerbils	15	Ø	69	Ø	69
Prairie voles	270	390	430	ø	820

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered atternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

Ticertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

AL (Type or Print) DATE SIGNED

11/29/00

(AUG 91)

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

L REGISTRATION NO 14-R-0036

FORM ARRESTANT OMB NO 0575 00 16

2 HEADQUARTERS RESEARCH FACILITY Illiamo and Address as considered with India include Zip Code)

University of Massachusetts at Amherst Animal Care Office, 512 Goodell Bldg. 01003 Amherst, MA

Status: Active

			Status:	Active	
REPORT OF ANIMALS USED BY (Animals Covered By The Animal	B Number of animals being bred, conditioned, or	C Number of animals upon which leaching, research,	Number of animals upon which experiments, teaching, research, surgery, or tests were.	E. Number of animats upon which teaching, experiments, research, surgery or tests were conducted involving accumpanying pain or distress to the animats and for which the use of appropriate anesthetic, analysisic, or tranquitizing drugs would	F TOTAL NO
Wellare Regulations 12 &/OR 13 Other (Ust by species)	held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	experiments, or lests were conducted invitiving no pain, distress, or use of pain- reheving drugs	conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	have adversely affected the procedures, results, or interpretation of the teaching, research, experiences, support, or lists, (An explanation of	(Cols. C D + E)
Meadow voles	Ø	46	Ø	ø	46
Redbacked voles	Ø	197	Ø	ø	197
Deer mice	Ø	370	Ø	Ø	370
N. Short tailed sh	rew Ø	29	Ø	Ø	29
E. chipmunk	Ø	10	Ø	Ø	10
Masked shrew	Ø	43	Ø	Ø	43
Red squirrel	Ø	1	Ø	Ø	_1
Star nosed mole	Ø	1	Ø	Ø	1
Shorttailed weasel	Ø	3	Ø	Ø	3
Sm. Indian Mongooses	Ø	3	Ø	Ø	3
Sm Indian civets	Ø	3	3	Ø	6
Common palm civets	Ø	3	4	Ø	
Fishing cats	Ø	ø	2	Ø	2
Darwin's fox	Ø	Ø	15	Ø	15
Grey fox	Ø		ø	Ø	11
Culpeo fox	ø	2	Ø	Ø	_2
Kod-Kod	Ø	Ø	3	Ø	3
outh American wild-cat					
species)					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approximate use of aniesthetic analgesic and tranquitizing drugs, prior to, dirring and following actual research, feathing, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attenting veronisman for this research facility has appropriate authority to ensure the provision of adequate veterinary during the oversee the adequacy of other aspects animal care and ose

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

Ecertify that the above is true, correct, and complete (7.0.5.C. Section 2143)

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DATE SIGNE

11/29/00

APHIS FORM 7023A (AUG 91)

PART I HEADQUARTE

0180-00A-AN

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

2. HEADOUARTE 14-R-0038, Cust ld 132

FORM APPROVED NO 0579-0036

include Zip Co.

USDA

WILLIAMS COLLEGE P.O. BOX 666 WILLIAMSTOWN, MA 01267

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

MORLEY SCIENCE LABORATORIES, 31 MORLEY DRIVE, WILLIAMSTOWN, MA

FACILITY LOCATIONS (Siles)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					0
5. Cats				·	0
6. Guinea Pigs					0
7. Hamsters					0
8. Rabbits					0
9. Non-human Primates		:			0
10. Sheep					0
11. Pigs					0
12. Other Farm Animals			L		0
					0
13. Other Animals					0
		,			0
· · · · · · · · · · · · · · · · · · ·					0
					0

- 1) Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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(Chief Executive Office	CADQUARTES RESEARCH FACILITY OFFICIAL ser or Legally Responsible Institutional Official) sets true, correct, and complete (7 USC Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		11/30/2000

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

2. HEADQUAR include Zip (

BECKER COLLEGE 3 PAXTON STREET LEICESTER, MA 01524 FORM APPROVED (79-0036

ith USDA

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

Becker College Lenfest Animal Health Building 955 Main Street

Leicester, Mas	ssachusetts	01524			
REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs		3	17		20
5. Cats		1	8		9
6. Guinea Pigs		5	1		6
7. Hamsters		0	0		0
8. Rabbits		8	0		8
9. Non-human Primates		0	0		0
10. Sheep		0	0		0
11. Pigs		0	0		0
12. Other Farm Animals		0	0		0
13. Other Animals		0	0		0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Legrtify that the above is true, correct, and complete (7 U.S.C. Section 2143)

Print)

Print)

DATE SIGNED

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete)

0180 DOA AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

2. HEADC

FORM APPROVED I OMB NO 0579-0036

red with USDA

include CYTOGEN RESEARCH & DEVELOPMENT, INC.

14-R-0042, Cust Id 122

89 BELLEVUE HILL ROAD WEST ROXBURY, MA 02132

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

Foster Animal Facility

Brandeis University, Waltham, MA

			(Altach adiditional sheets if ne	ecessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthelic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMAL: (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters	160	24	10	0	34
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs			<u> </u>		
12. Other Farm Animals					
13. Other Animals					
					1

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIA (Chief Executive Officer or Legally Responsible Institutional Official)
Legitly that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/8/00

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

(AUG 91)

UNITED STATES DEPARTMENT OF AGRICULTURE
ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Pharmacology Laboratory

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

2. HEADQUAR 14-R-0047, Cust ld 455 include Zip+

FORM APPROVED / ...

rith USDA,

ARIAD PHARMACEUTICALS, INC. 26 LANDSDOWNE STREET CAMBRIDGE, MA 02139

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

A. Animals Covered By The Animal Welfare Regulations	B Number CONTROL Of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, feaching, research, surgery, or fests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or franquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cois. C + D + E)
4. Dogs					
5. Cats		·			
6. Guinea Pigs		·			
7. Hamsters					
8. Rabbits			84		84
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTI (Chi	ATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL xecutive Officer or Legally Responsible Institutional Official) ertify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF CEO. OR INSTITUTIONAL OFFICIA	NAME & TITLE OF C.F.O. OR INSTITUTIONAL OFFICIAL AT	DATE SIGNED

ASSURANCE STATEMENTS

faces to energy under feet additional information 6130 DOA AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

OMB NO 0575-0036

FORM APPROVED

2. HEADQUARTEF 14-R-0050, Cust Id 135 include Zip Cod

NOV -7 2000

BOSTON COLLEGE OFFICE OF RESEARCH ADMIN. MCGUINN HALL 600 CHESTNUT HILL, MA 02167

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles)

Higgins Hall

McGuinn Hall

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	0	3	0	0	3
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of aniesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) 1 certify that the above is true, correct, and complete (7 USC Section 2143)		
SIG)	DATE SIGNED
		Ŋſ	V 0 1 200

(AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

PISSION AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO

FORM APPROVED

OMB NO 0579-0036

'rred with USDA

2. HEADO 14-R-0052. Cust ld 460 include

BIOGEN, INC.

DEVELOPMENT OPERATIONS 12 CAMBRIDGE CENTER CAMBRIDGE, MA 02142

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

Site I: Research Department

Building Bio VI

	riding bio				
Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters			5		5
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
	ļ				
13. Other Animals					
	ļ				
				<u> </u>	
ASSURANCE STATEMENTS					

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNED

/20/00

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (OCT 88), which is obsolete)

See reverse side for additional information Interagency Report Control No 0180-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANIMAL ARE FEATH HEALTH MOFECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) 1. REGISTRATION NO.

2. HEADQUAF 14-R-0054. Cust ld 471 include Zip

P.O. BOX 58 58 S. ROYALSTON ROAD ROYALSTON, MA 01368 FORM APPROVED OMB NO. 0579-0036

with USDA,

B. REPORTING FACILITY (List all locations where animals were housed or used in actual research	h, testing, teaching, or experimentation, or held for these p	purposes. A	Attach additional
sheets if necessary.)			

FACILITY LOCATIONS (Sites)

Ste I - IBuldi	ma (2 ROUM				
57c I- IBuldu 585-Royalstorad	Royalston	Ma 0136	58		
REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A) '	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		705			205
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals		7			7
13. Other Animals				3	
ASSUBANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
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ammal care and use.		,
(Chief E	ATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL xecutive Officer or Legally Responsible Institutional Official) ertily that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF CEO. OR INSTITUTIONAL OFFICIAL		12/6/00
A DI		

(AUG 91)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

NOV 17

HEROCATRAGISM NO.

14-R-0056, CustId475

Mohio Historia Jan

2. HEADQUARTERS RESEARCH FACILITY traine and Authors, as registered with JSDA include Zio Code)

2000 EPIX Medical, Inc. 71 Rogers Street Cambridge, MA 02142

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles)

EPIX Medical - Animal Facility &

Pharmacolgy Labs - 65 Rogers Street

	R UNDER CONTROL OF			cessary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of aminals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (COIS. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	31	0	118	0	118
7. Hamsters	0	0	0	0	0
8. Rabbits	2	0	28	0	28
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0
ASSURANCE STATEMENTS					

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending vetermanian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional ()fficial)

Ficertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

11/15/00

PHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

Ergo Science Development Corporation

1. REGISTRATION NO.			`OVED '9-0036	:, ~
2. HEADOUAR include Zip (ERGO SCIENCE DEVELOPME	CORF	ORATION	eith USDA	· ·
ERGO SCIENCE DEVELOPME 43 HIGH ST NORTH ANDOVER, MA 01845				
	St	atus: Inac	tive	

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

100 First Avenue, Ch	arlestown, Massa	chusetts 02129-	-2051		
REPORT OF ANIMALS USED BY	OR UNDER CONTROL OF	F RESEARCH FACILITY	Y (Altach adiditional sheets if n	ecessury or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					0
5. Cats					0
6. Guinea Pigs					0
7. Hamsters	We	closed t	he facility at	t 100 First Avenue,	
8. Rabbits	Cha	arlestown	, Massachuse	etts in the summer	0
Non-human Primates	of	1999. V	We neither	held animals nor	
10. Sheep	con	ducted re	search or exp	periments on animals	0
11. Pigs	for	the fisca	l year Octob	per 1, 1999 through	0
12. Other Farm Animals	·	tember 30		,	0
		_			
13. Other Animals					0
					0
					0
					0
ASSURANCE STATEMENTS			<u> </u>		

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY () (Chief Executive Officer or Legally Responsible Institutional Of Lectify that the above is true, correct, and complete (7 U.S.C. Section 2143)		
SIGNATURE O		or Print)	DATE SIGNED

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

This inport is required by law (7 USC 2143). Failure to report according to the regulations can result in an order to deal rand desist and to be subject to penalties as provided for in Section 2150.

See reverse side for additional information

Interugency Report Control No. 0180-00A-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0636

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) 14-R-1061

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

Smith College Clark Science Center Northampton, NA 01063

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles)

Sabin-Reed Hall, Clark Science Center

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which feaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which feaching, experiments, research, surgery or fests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the feaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affected to this report).	F. TOTAL NO OF ANIMAL: (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters	32	378	6		384
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Piqs					
12. Other Farm Animals		:			
13. Other Animals					
Ferrets		2	23		25
Pine Voles	31	6			6
Prairie Voles	20	96			96

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and franquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) 1 certify that the above is true, correct, and complete (7 USC Section 2143)		
SIGN		Print)	DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolute)

additional information

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

I. REGISTRATION NO. 14-R-0061

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Codel

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

Smith College Clark Science Center Northampton, NA 01063

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Atlach admittional sheets if nocessary or use this form t					
8 Number of animals being bred, conditioned, or held for use in teaching, losting, experiments, research, or surgery but not yet used for such purposes	C Number of animals upon which reaching, research, experiments, or less were conducted involving no pain, distress, or use of pain-relieving drugs	O Number of unimals upon which experiments feaching, research, surjery, or tests were conducted involving pain or distress to the animals and for which appropriate anesthetic, analytics or tranquitizing drugs were used.	E. Number of animals upon which leaching, experiments, research, surgery or tests were conducted involving accumpanying pain or distress to the animula und for which the use of appropriate anesthetic, analyzesic, or transpoliting drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be allached to this report!	FOTAL NO OF ANIMAL; (Cols. C + O + E)	
43	21			21	
	281	6		287	
	103			103	
	,				
			,		
	B Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, in surgery but not yet used for such purposes.	8 Number of animals being bred, conditioned, or held for use in teaching, festing, experiments, research, or surgery but not yet used for such purposes 43 C Number of animals upon which teaching, research, cresearch, or surgeryments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs	B Number of animals being bred, conditioned, or held for use in teaching, festing, experiments, or tests were conducted involving no pain, distress, or use of pain, relieving drugs. 43 21 281 Animber of unimals upon which experiments (teaching, research, surjery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate used.	8 Number of animals upon which teaching, research, conditioned, or held for use in teaching, lesting, experiments, in surgery, but not yet used for such purposes. 43 C Number of animals upon which teaching, research, surgery or tests were conducted involving an or distress or use of pain-relieving drugs. A Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anosthetic, analyzer, or transportant and for which appropriate anosthetic, analyzer, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anosthetic, analyzer, or transportant and for which the use of appropriate anisothetic, analyzer, or transportant animals upon under the which the use of appropriate anisothetic, analyzer, or transportant animals upon under the which the use of appropriate anisothetic, analyzer, or transportant animals upon under the which the use of appropriate anisothetic, analyzer, or transportant animals upon under the which the use of appropriate anisothetic anisothetic, analyzer, or transportant animals upon under the which the use of appropriate anisothetic	

ASSURANCE STATEMENTS

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-	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
	(Chief Executive Officer or Levally Responsible Institutional Official)

Ficertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

Pendi

DATE SIGNED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

2. HEADQUA

P.O. BOX 513

AMHERST, MA 01004

1. REGISTRATION NO.

include Zi

FORM APPROVED OMB NO 0579-0036

with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

Research Rabbit Facility

Research Pig Facility

Rabbit Breeding Facility

			(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMAL (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	350		200		200
9. Non-human Primates					
10. Sheep					
11. Pigs		13			
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

or Print)

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

2. HEADQ 14-R-0066, Cust ld 721

0579-0036

include

EMBRYOTECH LABORATORIES, INC 323 ANDOVER STREET WILMINGTON, MA 01887

ed	with	USDA,

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATION	NS (Sites)
-------------------	------------

Same as ABove

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMAL: (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters	90	543			543
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					<u> </u>
12. Other Farm Animals					
13. Other Animals					
					ļ

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIA
(Chief Executive Officer or Legally Responsible Institutional Official)

DATE SIGNED

Set reverse side for additional information

Oleo-Board AM

FORM APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE

All redactions on this page are pursuant to (b)(6) & (b)(7)(

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

OMB NO 0579-0036

2. HEADQUA 14-R-0068 Cust ld 10-

ISDA,

WORCESTER POLYTECHNIC INSTITUTE 100 INSTITUTE ROAD WORCESTER, MA 01609

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

WPI Animal Facility, SL 313-319

				cessary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		····			
9. Non-human Primates					ļ
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL	L
(Chief Executive Officer or Legally Responsible Institutional Official)	
Lecrify that the above is true, correct, and complete (7 U.S.C. Section 2143)	

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11/14/00

APHIS FORM 7023 (AUG 91) (Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

See attached form for additional information

Interagency Report Control No

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. CERTIFICATE NUMBER: 14-R-0070

CUSTOMER NUMBER: 729

FORM APPROVED OMB NO. 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Focal, Inc. Clinical & Regulatory Affairs 4 Maguire Road Lexington, MA 02173

Telephone: (781) -280-7800

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, or experimentation, or held for these purposes. Attach additional sheets if necessary)

rocal Inc., 4 maguire Rdl

FACILITY LOCATIONS (Sites) - See Atached Listing

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS Form 7023A) B. Number of Number of D. Number of animals E. Number of animals upon which teaching, F. animals being animals upon upon which experiments, research, surgery or tests were which teaching, bred, experiments, teaching, conducted involving accompanying pain or distress TOTAL NUMBER **Animals Covered** conditioned, or research, research, surgery, or to the animals and for which the use of appropriate OF ANIMALS By The Animal experiments, or held for use in tests were conducted anesthetic, analgesic, or tranquilizing drugs would Welfare Regulations tests were teaching, involving have adversely affected the procedures, results, or (COLUMNS testing, conducted accompanying pain or interpretation of the teaching, research, experiments, experiments, involving no distress to the animals surgery, or tests. (An explanation of the procedures C + D + Eresearch, or pain, distress, or and for which producing pain or distress in these animals and the surgery but not ye use of painappropriate anesthetic, a reasons such drugs were not used must be attached to relieving drugs. 4. Dogs 5. Cats 6. Guinea Pigs 7. Hamsters 12 12 8. Rabbits 9. Non-human Primate 10. Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anestetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and

	Ine attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of	animal care and
	CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
SIC		DATE SIGNED 12/6/00

0180 004 AN

FOOM * PPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2 HEADOU

1. REGISTRATION NO.

4-R-0071, Cust ld 128 include Zi JOSLIN DIABETES CENTER INC.

ONE JOSLIN PLACE **BOSTON, MA 02215**

J. with USDA

1579-0036

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes	Attach additional
sheets if necessary.)	

FACILITY LOCATIONS (Sites)

Elliot P. Joslin Research Facility

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					ļ
9. Non-human Primates					
10. Sheep					
11. Pigs		201			201
12. Other Farm Animals					
13. Other Animals					
		·			

Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquitizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

10/10/00

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

FORM APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

ınclude Zir

2. HEADQU/ _14-R-0073, Cust ld 749

CAPRALOGICS, INC. 315 CZESKI ROAD P.O. BOX 236 HARDWICK, MA 01037 DEC - 5 2000

with USDA

579-0036

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

235 & 315 Czeski Road Hardwick MA 01037

	B. Number of	C Number of		cessary or use APHIS FORM 7023A.) * E. Number of animals upon which teaching.	T
A. Animals Covered By The Animal Wellare Regulations	b. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research,	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	NA				
5. Cats	NA				
6. Guinea Pigs	NA				
7. Hamsters	NA				
8. Rabbits	Ø	141	93		234
9. Non-human Primates	NA				
10. Sheep	Ø	67	5		72
11. Piqs	NA				
12. Other Farm Animals					
GOATS	42	44	19		105
13. Other Animals					
					1

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
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- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
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	(Chief Executive Officer o	OQUARTES RESEARCH FACILITY OFFICIAL or Legally Responsible Institutional Official) true, correct, and complete (7 USC Section 2143)	,	
SIG				DATE SIGNED

Sign in versy, side for additional information 0150 DOA AN

LINITED STATES DEPARIMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO

FORM APPROVED

0579-0036

d with USDA

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQU 14-R-0074, Cust ld 756 include 2

GENZYME TRANSGENICS CORPORATION P.O. BOX 202, 87 SPENCER ROAD CHARLTON DEPOT, MA 01509

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Sites)

Site 1: GTC Farm, Charlton Depot

A. Animals Covered By The Animal Welfare Regulations	B. Number control of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes	C Number of animals upon which teaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (COIS. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep			9.4.4.3.7.8.2.4.2.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4.4		
11. Pigs					
12. Other Farm Animals					
Goats (Charlt	øn) 706		1209		1209
13. Other Animals					
• · · · · · · · · · · · · · · · · · · ·					
ASSURANCE STATEMENTS					

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIF	TEAT	ION	3 Y 11 I	EADQ	UART	ESRF	SEAR	CHF	ACILI	TY O	FFICIAI
(Chie	ef Exe	cutive	Offic	eror	Legally	Resp	onsibl	e Inst	titution	al Of	ficial)

ficertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

r Print)	DATE SIGNE

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

JAN 1 7 2001

2. HEADQUA

include Zip

1. REGISTRATION NO.

14-R-0078, Cust ld 138

ROVED 179-0036

with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

200 TRAPELO ROAD WALTHAM, MA 02254

SHRIVER CENTER

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets it necessary.)

FACILITY LOCATIONS (Sites)

E.K. Shriver Center Animal Facility

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	00	0	0	0
12. Other Farm Animals	0	00	0	0	0
13. Other Animals	0	0	0	0	0

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

(Chief Executive O	HEADQUARTES RESEARCH FACILITY OFFICIAL fficer or Legally Responsible Institutional Official) above is true, correct, and complete (7 U S C Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	

0180-DOA 4N

FORM APPROVED 0 0579-0038

ered with USDA.

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

14-R-0079, Cust ld 760 2 HEAD

1. REGISTRATION NO.

include

MILLENNIUM PHARMACEUTICALS, INC 640 MEMORIAL DRIVE CAMBRIDGE, MA 02139

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

640 Memorial Drive

215 Sidney Street (Closed as of 9/00)

45 Sidney Street

1	B. Number of				
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	0	68	1456	0	1554
7. Hamsters	0	0	4	0	4
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs	**** ****				
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS					

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

REGISTRATION NO. 14-R-0081

FORM APPROVED OMB NO 0579-0036

All redactions on this page are pursuant to (b)(6) & (b)(7

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA. include Zip Code)

University of Massachusetts Lowell Research Foundation

600 Suffolk Street – 2nd Floor South Lowell, MA 01854 NOT 11 .000

REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

Weed Hall, South Campus and Olsen Building, North Campus

FACILITY LOCATIONS (Sites)

Center for Chronic Disease Control, Room 305, Weed Hall, Solomont Way, Univ. of Massachusetts Lowell, Lowell, MA 01854

DEPORT OF ANNIAL SUSED BY	OR UNDER CONTROL	OF DESEADON FACI	LITY (Attach additional shoots i	necessary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters		1200			1200
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Mice	100				100
Rats		35			35
	<u> </u>				

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) this facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspect of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

DATE SIGNED

SIGNATURE OF C.F.O. OR INSTITUTIONAL OFFICIAL.

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

PART I - HEADQUARTERS

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

include Zip Code)

EDRM ADDROVED

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

14-R-0082. Cust Id 140 2 HEADQUARTERS I

TUFTS- NEW ENGLAND MEDICAL CENTER INC 171 HARRISON AVENUE, NEMC #112 BOSTON, MA 02111

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

TUSM Stearns/Arnold Bldg., NEMCH Ziskind Research Bldg., Tupper Research Bldg., Rehabilitation Inst., Bldg., and Pine Acres Rabbitry and Farms (PAR/F).

			(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A)	,
A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs			96		96
5. Cats		2	3		5
6. Guinea Pigs			24		24
7. Hamsters		3			3
8. Rabbits		11	452		463
9. Non-human Primates					None
10. Sheep			65		65
11. Pigs		37	248		285
12. Other Farm Animals					
Cow			2		2
13. Other Animals					
Horse			24		24

ASSURANCE STATEMENTS

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Legally that the above is true, correct, and complete (7 U.S.C. Section 2143)						
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED				
		12/06/00				

See a victor side for additional information

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FORM APPROVED
OMB NO. 0579-0036

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

z. HEADQUARTI

1 REGISTRATION NO.

14-R-0083, Cust Id 705

'h USDA

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

include Zip Co

NEW ENGLAND COLLEGE OF OPTOMETRY 424 BEACON STREET BOSTON, MA 02115

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

New England College of Optometry
424 Beacon St., Buston, MA 02115

REPORT OF ANIMALS USED BY OF	UNDER CONTROL OF	F RESEARCH FACILITY	' (Attach adiditional sheets if ne	icessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (COIS. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
Non-human Primates	18	0	26	C	26
10. Sheep					
11. Pigs					
12. Other Farm Animals					
Chickens	21	0	148	O	148
13. Other Animals					
Rutz	127	0	210	0	210
ASSURANCE STATEMENTS					

SURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Lectify that the above is true, correct, and complete (7 U.S.C. Section 2143)						
COMPTUDE OF A CO. OR WATERITION OF OFFICIAL			rint)	DATE SIGNED		
				1/1/2000		

APRIS FURIVI 1023

(Heplaces VS FOHM 18-23 (OCT 88), which is obsolete.)

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FORM APPROVED ONAR NO. 0579-0036

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

sheets if necessary.)

14-R-0084. Cust ld 14: 2. HEADQUAR include Zip

1. REGISTRATION NO.

TUFTS UNIVERSITY

ASSOCIATE PROVOST FOR RESEARCH INSTITUTIONAL OFFICIAL MEDFORD, MA 02155

FACILITY LOCATIONS (Sites)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain- relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	18	0	18
8. Rabbits	0	0	0	0	0
9. Non-human Primates	4	30	0	0	34
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals rats	0				1264
mice pigeons	0	51	0	0	812
gerbil	0	0	71	0	71
birds starli	ngs 72	0	25	0	97

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
ficertify that the above is frue, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

SIGNATURE OF C.F.O. OR INSTITUTIONAL OFFICIAL

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ORM APPROVED

FORM APPROVED /

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

24 2000

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

sheets if necessary.)

2. HEADOUAF include Zip

1. REGISTRATION NO.

CIRCE BIOMEDICAL, INC. SWINE UNIT #2 200 WESTBOROUGH ROAD with USDA

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

NORTH GRAFTON, MA 01536

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Sites)

SWINE UNIT II, N. GRAFTON, MA

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Altach adiditional sheets if ne	cessary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred. conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	© Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research,	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					@ AINON DO
11. Pigs	96	0	151	0	247
12. Other Farm Animals					151
13. Other Animals					

ASSURANCE STATEMENTS	<u></u>				

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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	CERTIFICATION BY HEADQUARTES R (Chief Executive Officer or Legally Res) certify that the above is true, correct, and	sponsible Institutional Official)	
SIG		PFFICIAL (Type or Print)	DATE SIGNED

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1 REGISTRATION NO. 14-R-0086, Cust ld 142

2. HEADOUA BIOTEK, INC. 21-C OLYMPIA AVENUE WOBURN, MA 01801

ROVED 579-0036

with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

include Zip

FACILITY LOCATIONS (Siles)

175-H New Boston Street, Woburn, MA 01801

A. Animals Covered By The Animal Wetlare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMAL: (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		92			92
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
Rats		70			70
Mice		240			240

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Legally that the above is true, correct, and complete (7 USC Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
		10/26/00			

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

14-R-0089, Cust ld 516

64 GROVE STREET

WATERTOWN, MA 02472

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SDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQUARTERS

include Zip Code)

BOSTON BIOMEDICAL RESEARCH INSTITUTE 64 GROVE STREET NOV - 5 VON

All redactions on this page are pursuant to (b)(6) & (b)(7)(c)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites)

64 Grove Street, Watertown, MA 02472

eaching, Ir tests were Ing pain or distress use of appropriate lizing drugs would ledures, results, or isearch, An explanation of or distress in these rugs were not used	F. TOTAL NO OF ANIMAL (Cols. C D + E)
	3
	· · · · · · · · · · · · · · · · · · ·
	53
_	

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)					
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED			
		11/1/00			

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

1. REGISTRATION NO.

14-R-0090, Cust ld 13
2. HEADOUARTE! include Zip Cor

FORM APPROVED OMB NO 0579-0036

18 NO 0579-0036

MOUNT IDA COLLEGE 777 DEDHAM STREET NEWTON, MA 02159

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites)

Veterinary Technology Building Laboratory Animal Care Facility

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs			32		32
5. Cats			18		18
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			6		6
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
		~			
ASSURANCE STATEMENTS	1				

SSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, feaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Legitify that the above is true, correct, and complete (7.14.5.C. Section 2143)

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DATE SIGNED

11/16/00

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(Replaces VS FORM 18-23 (OCT 88), which is obsolute)

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UNITE: STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO 14-R-0092

Status: Active

FORM APPROVED OMBINO. 0579-0066

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with the USDA, include Sip Code)

Brigham & Women's Hospital 75 Francis Street Boston, MA 02115

nî 3 i 2002

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

See attached.

See attached.

A. Animals Covered By The Animal Welfare Regulations 12. &/OR 13. Other (List by Species)	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not	C. Number of animals upon which teaching research, experiments or tests were conducted involving no pain, distress, or use of pain	D. Numbers of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
	yet used for such purposes.	relieving drugs.	used.	these animals and the reasons such drugs were not used must be attached to this report.)	D 7 E)
4. Dogs	0	0	14	0	14
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	261	930	0	1,191
7. Hamsters	0	12	588	0	600
8. Rabbits	0	26	743	0	769
9. Non-human Primates	0	0	26	0	26
10. Sheep	0	0	0	0	0
11. Pigs	0	4	194	0	198
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1. Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4. The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF C.E, Ø7 OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL

DATE SIGNED

11/22/00

FACILITY SITES LISTING

Licensee/Registrant Name:

Brigham & Women's Hospital

License/Registration Number:

14-R-0092

Please list below all sites that house animals under the above registration number. Be sure to include all requested information. Do not leave any spaces blank. If lines do not apply, please mark it N/A. If you have more than three (3) sites, please copy this form as many times as needed before filling in the sites.

Site No.:

Name/Department:

Center for Animal Resources & Comparative Medicine (ARCM)

at Brigham & Women's Hospital

Address:

Boston, MA 02115

(1) Building:

Floor/Room:

Contact Person: Phone Number: ARCM/Thorn Building - 20 Shattuck Street

20 Shattuck Street - 16th Floor

(2) Building:

Floor/Room:

Contact Person:

Phone Number:

ARCM/Longwood Medical Research Center (LMRC)

220 Longwood Avenue - Ground Level

(3) Building:

Floor/Room:

Contact Person: Phone Number: ARCM/Massahusetts College of Pharmacy (MCP) One Palace Road - Lower Level

Site No.:

3 Name/Department:

USDA Registration No:

Address: Building: Floor/Room:

Contact Person:

Phone Number:

Pine Acres Rabbitry/Farm (SATELLITE)

14-B-0052

299 East Main Street, Norton MA 02766

Main Building

First Floor

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

FACILITY SITES LISTING

Licensee/Registrant Name:

Brigham & Women's Hospital

License/Registration Number:

7

14-R-092

Please list below all sites that house animals under the above registration number. Be sure to include all requested information. Do not leave any spaces blank. If lines do not apply, please mark it N/A. If you have more than three (3) sites, please copy this form as many times as needed before filling in the sites.

Site No.:

4 Name/Department:

USDA Registration No.:

Address:

Building: Floor/Room:

Contact Person: Phone Number: HMS/ARCM - Seeley G. Mudd (SATELLITE)

14-R-019

250 Longwood Avenue, Boston MA 02115

Seeley G. Mudd Building

Basement Level

Site No.:

Name/Department:

USDA Registration No.:

Address:
Building:
Floor/Room:
Contact Person:
Phone Number:

HMS/ARCM - Central (SATELLITE)

14-R-019

665 Huntington Avenue, Boston MA 02115 Harvard School of Public Health - Bldg. II

Ground and Basement Levels

Site No.:

8 Name/Department:

USDA Registration No.:

Address:
Building:
Floor/Room:
Contact Person:
Phone Number:

HMS/ARCM - HIM (SATELLITE)

14-R-019

77 Avenue Louis Pasteur, Boston MA 02115

Harvard Institutes of Medicine Ground and Basement Levels . ,

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

sheets if necessary.)

1. REGISTRATION NO

2. HEADOUA 14-R-0094, Cust ld 145

14-R-0094, Cust ld 145

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WELLESLEY, MA 02481

WELLESLEY, MA 02481

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OFFICE OF ANIMALIC HIEFE BY O	C INTER CONTROL OF	F STORABON FACILITY		cessary or use APHIS FORM 7023A)	
Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which leaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research,	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits			3		
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
		· ·			

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Sites)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFIC	CATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief	Executive Officer or Legally Responsible Institutional Official)
· · · · · · · · · · · · · · · · · · ·	certify that the above is true, correct, and complete (7 U.S.C. Section 2143)
·	

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APHIS FORM 7023

ASSURANCE STATEMENTS

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

MCLEAN HOSPITAL CORPORATION

115 MILL STREET BELMONT, MA 02478

UNITED STATES DEPAPTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

J. I A MOVE

14-R-0096, Cust Id 146 2. HEADQL MC LEAN HOSPITAL CORPORATION

1. REGISTRATION NO.

include Z

PROVED 0579-0036

d with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

McLean Hospital Core Animal Facility (MRC Ground, Oaks II, Oaks IV)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affached to this report).	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs					N/A
5. Cats					N/A
6. Guinea Pigs					N/A
7. Hamsters					N/A
8. Rabbits	-0-	-0-	-0-	-0-	-0-
9. Non-human Primates	-0-	-0-	119	-0-	119
10. Sheep					N/A
11. Pigs					N/A
12. Other Farm Animals					N/A
13. Other Animals	Rats and	nice not co	vered by these	reporting requirements	

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, 11 and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2) Each principal investigator has considered alternatives to painful procedures
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- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

(CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
	(Chief Executive Officer or Legally Responsible Institutional Official)
	Learthy that the above is true correct, and compelete (7.11.6.6. Control 21.42)

DATE SIGNED

9/30/08

APHIS FORM 7023

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

UNITED STATES DEPARTMENT OF A. ULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO. 14 R 0096

FORM APPROVED OMB NO 0579-0036

Utility grows

2. HEADOUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

McLean Hospital Corporation 115 Mill Street Belmont, MA 02478

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

EPORT OF ANIMALS USED BY C					
Animals Covered By The Animal Wellare Regulations 12 &/OR 13 Other (USI by species)	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain, relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accumpanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquitzing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be effected to this report).	FOTAL POF ANIM
Rabbits	-0-	-0-	-0-	-0-	-0-
Non-human	-0-	-0-	119	0	119
primates					_==:-
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- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approviate use of anesthetic languagesic and tranquilizing drugs, prior to, during and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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- 4) The attending votermarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversed the adequacy of other aspects of animal care and use

(Chief Executive Of	HEADQUARTES RESEARCH FACILITY OFFICIAL (ficer or Legally Responsible Institutional Official) (bove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		9/30/00

Center for Blood Research. The

UNITED STATES DEPARTMENT OF AGRICULTURE

1. REGISTRATION NO.

D 0579-0036

red with USDA

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

2. HEAD(14-R-0107, Cust ld 150

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ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

800 Huntington Avenue
Boston, MA 02115

FACILITY LOCATIONS (Sites)

redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Boston, MA 02115

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

See Attached REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach addiditional sheets if necessary or use APHIS FORM 7023A.) B. Number of F Number of animals upon which teaching. C Number of D. Number of animals upon animals being experiments, research, surgery or tests were animals upon which experiments, conducted involving accompanying pain or distress to the animals and for which the use of appropriate which leaching, **Animals Covered** teaching, research, conditioned, or By The Animal research. TOTAL NO. surgery, or tests were conducted involving held for use in anesthetic, analgesic, or tranquilizing drugs would Welfare Regulations experiments, or OF ANIMALS leaching, testing, have adversely affected the procedures, results, or tests were accompanying pain or interpretation of the teaching, research, experiments. conducted distress to the animals experiments, surgery, or tests. (An explanation of research, or (Cols. C + D + E) on pnivlovni and for which appropriate pain, distress, or surgery but not the procedures producing pain or distress in these anesthetic, analgesic, or animals and the reasons such drugs were not used vet used for such use of paintranquilizing drugs were must be attached to this report). purposes. relieving drugs. 0 0 0 0 Dogs 0 0 0 0 Cats 30 0 30 O **Guinea Pigs** n n Hamsters 0 1 0 0 0 0 Rabbits B. 0 0 O 0 Non-human Primates 0 0 0 0 10. Sheep 0 0 0 0 11. Pigs 0 0 0 0 12. Other Farm Animals 0 0 0 0 13. Other Animals

ASSURANCE STATEMENTS

sheets if necessary.)

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approxiate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

1 certify that the above is true, correct, and complete (7 USC Section 2143)

SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL

NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)

DATE SIGNED

11-20-09

OLDO DOA AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

14-R-0108, Cust ld 517 2. HEA

1. REGISTRATION NO.

FORM APPROVED NO 0579-6036

stered with USDA

(TYPE OR PRINT) 7:

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

NEW ENGLAND BIOLABS, INC. 32 TOZER ROAD BEVERLY, MA 01915

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles)

32 Tozer Road, Beverly, MA

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, leaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

9/21/00

APHIS FORM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

PART - HEADQUARTERS

(Type or Print)

additional information

GIBG-DUA AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

12 200 DEC

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

2. HEADQUATTER DOCE AND EACH ITY (Name and Address as registered with USDA

include Zi. 14-R-0109, Cust ld 151

ATTN: PRESIDENT FOR R, H & T'S

WHEATON COLLEGE

RT. 123

NORTON, MA 02766

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or new porpositional additional sheets if necessary.)

FACILITY LOCATIONS (Sites) Sychobiology - Science Center PREPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary) Number of Number of animals upon which teaching, C Number of D. Number of animals upon animals being animals upon experiments, research, surgery or tests were which experiments conducted involving accompanying pain or distress **Animals Covered** bred. which teaching, teaching, research, surgery, or tests were conditioned, or to the animals and for which the use of appropriate By The Animal research. TOTAL NO. anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or Welfare Regulations held for use in experiments, or conducted involving OF ANIMALS teaching, testing. tests were accompanying pain or distress to the animals experiments, interpretation of the teaching, research conducted research, or experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these involving no (Cols. C + D + E) and for which appropriate surgery but not pain, distress, or anesthetic, analgesic, or yet used for such animals and the reasons such drugs were not used use of paintranquilizing drugs were purposes must be attached to this report). relieving drugs. used Dogs Cats Guinea Pigs Hamsters Rabbits 8 Non-human Primates 10. Sheep Pigs Other Farm Animals 13. Other Animals

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	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)	
	Ecertify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATUR		DATE SIGNED
		12/6/00
A DUIS FORM 7022		1 /

APHIS FORM 7023 (AUG 91)

ASSURANCE STATEMENTS

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

FORM APPROVED

UNITED STATES DEPARTMEN OF AGRICULTURE ANIMAL AND PLANT HEALTH IS SPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO.

2. HEAD: includ

OMB NO 0579-0036

red with USDA,

WHITEHEAD INSTITUTE FOR BIOMEDICAL RESEARC NINE CAMBRIDGE CENTER CAMBRIDGE, MA 02142

				_												_			
3. RE	PORTING FA	CILITY	(List a	Il locatio	ns where	an-mals	were hous	sed or used	d in actual re	esearch,	testing,	teaching,	or experin	nentation,	, or held for	these	purposes.	Attach ar	lanoitibt
sh	eets if necess	ary)																	

FACILITY LOCATIONS (Sites)

Same as item 2

Animals Covered By The Animal Wellare Regulations	animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMAL (Cols. C D + E)
. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
3. Rabbits					
Non-human Primates					
0. Sheep					
1. Pigs					
2. Other Farm Animals					
		284 chicke because th	ns were reporte e chickens were	d on the Annual Report for MI housed there	<u> </u>
3. Other Animals					
Mice		661	20,300		20,961
Frogs		640	0		640

- 1) Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

AL OFFICIAL (Type or Print)

DATE SIGNED

10/26/00

APHIS FORM 7023 (AUG 91)

SIGNATURE OF C.E.O.

(Replaces VS FORM 18-23 (OCT 88), which is obsolete)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1 1 200

14-R-0114, Cust Id 1792

1. REGISTRATION is 3

2. HEADO

---- *PPROVED 0579-0036

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ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

MOUNT HOLYOKE COLLEGE BIOLOGY DEPARTMENT 50 COLLEGE STREET

SOUTH HADLEY, MA 01075

FACILITY LOCATIONS (Siles)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

BIOLUGY DEPT. CLAPP LAB RM. 6

sheets if necessary.)

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquiltzing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMAL (Cols. C D + E)
4. Dogs					
5. Cats			5		
6. Guinea Pigs			MAL WI		
7. Hamsters		QED 1	ANI MALS WI ANY IN		
8. Rabbits	10	VEN	1 N		
9. Non-human Primates	No	USED			
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
		A-100-10-10-10-10-10-10-10-10-10-10-10-10			

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and franquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

Ficertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

10-6-00

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

2. HEADC 14-R-0116, Cust ld 153

1. REGISTRATION NO.

FORM APPROVED OMR NO 0579-0036

red with USE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT) GENETICS INSTITUTE, INC. 87 CAMBRIDGEPARK DRIVE

CAMBRIDGE, MA 02140

NUV 2 1 20

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets it necessary.)

FACILITY LOCATIONS (Siles)

Site 2:

Building G, Andover

Site 1:

50 Cambridge Park Drive, Cambridge

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY		cessary or use APHIS FORM 7023A.) '	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D ÷ E)
4. Dogs			51		51
5. Cats					
6. Guinea Pigs		38			38
7. Hamsters					
8. Rabbits		11	242		253
9. Non-human Primates			109		109
10. Sheep					
11. Pigs					
12. Other Farm Animals		<u> </u>			
13. Other Animals		~~~~			
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) 1 certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGI		II /16/2000
API		

See reverse ande for additional information

Report to later & CISC-DOA-AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

yet used for such

purposes.

1. REGISTRATION NO.

14-R-0119. Cust ld 143

2. HEADQU include Zi

MARINE BIOLOGICAL LABORATORY 7 MBL STREET WOODS HOLE, MA 02543

animals and the reasons such drugs were not used

must be attached to this report).

---- PROVED 1579-0036

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3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes.	Attach additional
sheets if necessary.)	

FACILITY LOCATIONS (Siles) 15 North Street, Woods Hole, MA 02543 REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adultional sheets if necessary or use APHIS FORM 7023A) Number of animals upon which teaching, B. Number of Number of Number of animals upon experiments, research, surgery or lesis were animals being animals upon which experiments, conducted involving accompanying pain or distress bred. which leaching, **Animals Covered** teaching, research, surgery, or tests were conditioned, or to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would TOTAL NO By The Animal research. held for use in OF ANIMALS experiments, or Welfare Regulations conducted involving have adversely affected the procedures, results, or lesis were conducted teaching, testing accompanying pain or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of experiments, distress to the animals (Cols. C + D + E) recearch, or involving no and for which appropriate the procedures producing pain or distress in these surgery but not

anesthetic, analgesic, or

tranquilizing drugs were

used.

5. Cats		
6. Guinea Pigs		
7. Hamsters	10	10
8. Rabbits	4	4
9. Non-human Primates		
10. Sheep		
11. Pigs		
12. Other Farm Animals		

13. Other Animals

pain, distress, or

relieving drugs

use of pain-

ASSURANCE STATEMENTS Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility

2). Each principal investigator has considered alternatives to painful procedures

3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.

4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of annual care and use

(Chief Executive Of	TEADQUARTES RESEARCH FACILITY OFFICIAL ficer or Legally Responsible Institutional Official) bove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED

APHIS FORM 7023 (AUG 91)

Dogs

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

14-R-0123, Cust Id 154 2. HEAL inclu

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

ered with USDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

GENZYME CORPORATION ONE KENDALL SQUARE **BUILDING 1400** CAMBRIDGE, MA 02139

OCT 2 4 2000

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) **FACILITY LOCATIONS (Siles)**

Cambridge, Framingham, MA

Bolton, MA Lexington, KY
REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A) B. Number of Number of animals upon which teaching, C Number of D. Number of animals upon animals being experiments, research, surgery or tests were animals upon which experiments, Animals Covered bred. which teaching, conducted involving accompanying pain or distress teaching, research, surgery, or tests were conditioned, or to the animals and for which the use of appropriate By The Animal research. TOTAL NO. held for use in experiments, or anesthetic, analgesic, or tranquilizing drugs would Welfare Regulations conducted involving OF ANIMALS have adversely affected the procedures, results, or teaching, testing, tests were accompanying pain or experiments, interpretation of the teaching, research, conducted distress to the animals research or experiments, surgery, or tests. (An explanation of (Cols. C + D + E) involving no and for which appropriate surgery but not the procedures producing pain or distress in these pain, distress, or anesthetic analgesic or yet used for such animals and the reasons such drugs were not used use of paintranquilizing drugs were purposes. relieving drugs. must be attached to this report). used Dogs Cats 209 209 Guinea Pigs Hamsters Rabbits Non-human Primates Sheep 74 11. Pigs 12. Other Farm Animals 18 88 88 Goats 13. Other Animals Horses

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2). Each principal investigator has considered alternatives to painful procedures
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- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Certify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INS		 DATE SIGNED
		1
APHIS FORM 7023		

UNITED STATES DEPARTMENT OF GRIGULTURE ANIMAL AND PLANT HEALTH INSPLITION SERVICE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY
(TYPE OR PRINT)
NOV 1 5 2000

1. REGISTRATION NO.

2. HEADQUAI 14-R-0126, Cust ld 155 include Zip

ADVANCED MAGNETICS INC. 61 MOONEY STREET CAMBRIDGE, MA 02138 FORM APPROVED AS

with USDA

3. REPORTING FACILITY (List all locations where animals, were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

61 MOONEY STREET CAMBRIDGE MA 02138

A	B. Number of animals being	C Number of animals upon	D. Number of animals upon which experiments,	cessary or use APHIS FORM 7023A.) E. Number of animals upon which feaching, experiments, research, surgery or fests were	F.
Animals Covered By The Animal Wellare Regulations	bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	which leaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain, relieving drugs.	which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be affached to this report).	TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	D	0	\mathcal{D}
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	\mathcal{D}
8. Rabbits	0	0	0	0	0
9. Non-human Primates	0	0	0	0	0
10. Sheep	0	0	0	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
13. Other Animals	0	0	0	0	0
ASSURANCE STATEMENTS					

1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

2) Each principal investigator has considered alternatives to painful procedures

- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

	CERTIFICATION BY HEADQUARTES (Chief Executive Officer or Legally R) Leerlify that the above is true, correct, an	esponsible Institutional Official)	
SIGNATURE	A NATURAL OFFICE	e or Print))1-09-00
APHIS			

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO. 14-R-00128

FORM APPROVED OMB NO 0579-0036

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with the USDA, include Sip Code)

Harvard University
Faculty of Arts & Sciences
24 University Hall
Cambridge, MA 02138
Status: Active

; J

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

See attached.

See attached.

REPORT OF ANIMALS USED	BY OR UNDER CON	TROL OF RESEARC	H FACILITY (Attach additional sh	neets if necessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations 12. &/OR 13. Other (List by Species)	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching research, experiments or tests were conducted involving no pain, distress, or use of pain relieving drugs.	D. Numbers of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report.)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	2	0	2
5. Cats	0	0	0	0	0
6. Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	2	1	4	0	5
9. Non-human Primates	0	30	0	0	30
10. Sheep	0	0	0	0	0
11. Pigs (mini)	0	0	6	0	6
12. Other Farm Animals		- Ja			
Goats	0	0	12	0	12
Ponies	1	0	0	0	0
13. Other Animals		Vijerek Partije Vijerek			
_Alligators	0	0	3	0	3

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
 - 2. Each principal investigator has considered alternatives to painful procedures.
 - This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
 - 4. The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL

(Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).

SIGNATURE OF CE O. OR INSTITUTIONAL OFFICIAL

ASSURANCE STATEMENTS

NAME & TITLE OF CEO. OR INSTITUTIONAL OFFICE

DATE SIGNED

11/29/00

See reverse side for additional information

Interagency Report Control No. 0186-BCA-A1)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

1. REGISTRATION NO. 14-R-00128 FORM APPROVED OMB NO. 0579-0036

 HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered with the USDA, include Sip Code)

Harvard University Faculty of Arts & Sciences 24 University Hall Cambridge, MA 02138 Status: Active

REPORT OF ANIMALS USE	D BT OR UNDER CO	NTROL OF RESEAR	CH FACILITY (Allacii addilioriai s	sheets if necessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations 12. &/OR 13. Other (List by Species)	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for	C. Number of animals upon which teaching research, experiments or tests were conducted involving no pain, distress, or use of pain relieving	D. Numbers of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs	TOTAL NO. OF ANIMALS (Cols. C + D + E)
	such purposes.	drugs.		were not used must be attached to this report.)	
13. Other continued				and the second of the second o	
Bats	0	0	8	0	8
Birds (wild caught)	0	0	31	0	31
Chinchillas	1	0	0	0	0
_Ducks (mallards)	0	0	12	0	12
- Emus	4	0	0	0	0
-Fish	7500	27,509	0	0	27,509
Frogs	3	533	30	0	563
Guinea Fowl	0	0	10	0	10
Hedgehogs	1	0	0	0	0
Iguanas	0	0	2	0	2
_Lizards (monitors)	0	0	11	0	11
Lizards (skinks)	0	0	225	0	225
Lizards (other)	2	0	16	0	16
Salamanders	2	107	0	0	107
Sharks	0	7	0	0	7

- 1. Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- Each principal investigator has considered alternatives to painful procedures.
- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4. The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143).	
SIGNAT	 DATE SIGNED 11/29/00

Stamberse size for additional disamation

2. HEADQUARTERS RESEARCH FACILITY (Name and Address, as registered

nteragency Report Climb 1.5 3150-004-41,

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO 14-R-00128

FORM APPROVES OMB NO. 0579-0036

CONTINUATION SHEET FOR ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

24 University Hall Cambridge, MA 02138 All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

Harvard University Faculty of Arts & Sciences

with the USDA, include Sip Code)

Status: Active

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach a	additional sheets if necessary or use APHIS FORM 7023A.)

A. Animals Covered By The Animal Welfare Regulations 12. &/OR 13. Other (List by Species)	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C. Number of animals upon which teaching research, experiments or tests were conducted involving no pain, distress, or use of pain relieving drugs.	D. Numbers of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report.)	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
13. Other continued					
Snakes	4	1	0	0	1
~Tegus	0	0	2	0	2
-Toads-	0	30	28	0	58
Turtles	4	0	0	0	0
Wallabies	0	0	4	0	4
	2	Q	1500	0	
	y Washington	7	Wing to the second seco		
		:			

- Professionally acceptable standards governing the care, treatment, and use of animals, including appropriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
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CERTIFICATION BY HEADQUARTERS RESEARCH FACILITY OFFICIAL	L
(Chief Executive Officer or Legally Responsible Institutional Official)	
Legrify that the above is true, correct, and complete (7 U.S.C. Section 2143)	

DATE SIGNED

11/29/00

FACILITY SITES LISTING

Licensee/Registrant Name:

Harvard University

Faculty of Arts & Sciences

License/Registration Number:

1

14-R-128

Please list below all sites that house animals under the above registration number. Be sure to include all requested information. Do not leave any spaces blank. If lines do not apply, please mark it N/A. If you have more than three (3) sites, please copy this form as many times as needed before filling in the sites.

Site No.:

Name/Department:

Office of Animal Resources (OAR)

Address:

Harvard University Cambridge, MA 02138

Building: (1)

Floor/Room:

The Biological Laboratories - 16 Divinity Avenue Fifth Floor

Contact Person: Phone Number:

Building: (2)

Floor/Room:

Museum of Comparative Zoology - 26 Oxford Street First and Second Floors

Contact Person:

Phone Number:

(3) Building:

Floor/Room:

Contact Person:

Phone Number:

William James Hall - 33 Kirkland Street

10th Floor

(4) Building:

Floor/Room:

Contact Person:

Phone Number:

Fairchild Biochemistry Building - 7 Divinity Ave.

Lower Level

Site No.:

2 Name/Department: Concord Field Station (CFS)

Address:

Old Causeway Road, Bedford MA 01730

Building:

Main and fields

Floor/Room:

First Floor and Grounds

Contact Person:

Phone Number:

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

The superiors required by takes of the 214.6. Farmer to report according to the eigenstances are regardent and to be supposed to president provided for in Section 2156.

See overse sale for additional information index apears, to let so the Other Dura AM

UNITED	STATES	DEPART	MENT	OF AC	RICULT	URE
ANHAMAL	ANDPIA	MT HEA	THIN	SPECT	TION SE	RVICE

ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT)

1. REGISTRATION NO. 14 R 0129

FORM APPROVED
OMBINO 0579-8636

CCD O z an

2. HEADOUARTERS RESEARCH FACILITY (Name and Address, as registered with USDA include Zip Code)

Riopure Corporation

Biopure Corporation
11 Hurley Street

Cambridge, MA 02141

Status: (Cancelled) 18 Jul 00

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

	B. Number of	C Number of	·	cessary or use APHIS FORM 7023A.) E. Number of animals upon which teaching,	_
Animals Covered By The Animal Welfare Regulations	animals being bred, conditioned, or held for use in leaching, testing, experiments, research, or surgery but not yet used for such purposes.	animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research,	TOTAL NO OF ANIMAL (Cols. C D + E)
. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
3. Rabbits					
Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
				TOTAL	-0-

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2) Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFF (Chief Executive Officer or Legally Responsible Institutional Officer of Legally Responsible (7 U.S.C. Section 2143)		
	(Type or Print)	DATE SIGNED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

NOV 28 2000

1. REGISTR 4-R-0133 2. HEADQL TRANSKARYOTIC THERAPIES INC. 195 ALBANY STREET

CAMBRIDGE, MA 02139

FORM APPROVED 3579-0036 d with USDA.

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Siles)

195 Albany St.

Cambridge, MA 02139

A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or fests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the leaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters	0	121	0	0	121
8. Rabbits	0	0	4.	0	4
9. Non-human Primates		 			
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIG

DATE SIGNED

APHIS FORM 7023

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

1. REGISTRATION NO 14-R-0134 2. HEA

inclu EISAI RESEARCH INSTITUTE OF BOSTON, INC. 4 CORPORATE DRIVE

NO. 0579-0036 stered with USDA,

ANDOVER, MA 01810

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.) Andover, MA 01810 4 Corporate Dr.

FACILITY LOCATIONS (Sites)

4 Corporate Dr. Andover, MA 01810 (Rm. 180)

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (COIS. C + D + E)
4. Dogs				<u></u>	
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals				·	
13. Other Animals					

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICE (Chief Executive Officer or Legally Responsible Institutional Official) I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)		
SI	Print)	0/24/00

APHIS FURM 7023 (AUG 91)

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

14-R-0135, Cust ld 159

1. REGISTRATION NO

ECRM APPROVED) 0579-0036

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

2. HEAD include

B A S F BIORESEARCH CORPORATION 100 RESEARCH DRIVE **GROUND FLOOR** WORCESTER, MA 01605

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REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research,	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	0	0	0	0	0
5. Cats	0	0	0	0	0
Guinea Pigs	0	0	0	0	0
7. Hamsters	0	0	0	0	0
8. Rabbits	0	0	0	0	0
Non-human Primates	0	0	0	0	Ö
10. Sheep	0	Û	O	0	0
11. Pigs	0	0	0	0	0
12. Other Farm Animals	0	0	0	0	0
	1			l .	1

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Sites)

Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.

0

2). Each principal investigator has considered alternatives to painful procedures.

0

- This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use

(Chief Executive Officer o	QUARTES RESEARCH FACILITY OFFICIAL r Legally Responsible Institutional Official) rue, correct, and complete (7 USC Section 2143)	
SIGNATU	CIAL (Type or Print)	9-25-00

APHIS FORM 7023 (AUG 91)

13. Other Animals

ASSURANCE STATEMENTS

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

14-R-0137, Cust ld 1658

* APPHOVED 40 0579-0036

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ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

2. HEAI TRANXENOGEN, INC.

THE WORCESTER FOUNDATION FOR EXPERIMENTAL

222 MAPLE AVE SHREWSBURY, MA 01545

0.0

COT / COM

FACILITY LOCATIONS (Sites)

Pine Acres Rosson Form - books

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach adiditional sheets if necessary or use APHIS FORM 7023A).

A B. Number of animals being bred, conditioned, or conditioned, or research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate.

TOTAL NO.

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or teaching with the distress to the animals and the surgery of the surger	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used	F. TOTAL NO OF ANIMAL (Cols. C D + E)
	purposes.	relieving drugs.	tranquilizing drugs were used	must be attached to this report).	
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep				,	
11. Pigs		2			Z
12. Other Farm Animals					
13. Other Animals					

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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animal care and use.		
(Chief Executive Off	IEADQUARTES RESEARCH FACILITY OFFICIAL icer or Legally Responsible Institutional Official) ove is true, correct, and complete (7 U.S.C. Section 2143)	
SIGNATURE OF C.E.O. OR INSTITUTIONAL OFFICIAL	NAME & TITLE OF C.E.O. OR INSTITUTIONAL OFFICIAL (Type or Print)	DATE SIGNED
		9/28/00
AP		7

See reverse sich, for additional information

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---- APPROVED

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO

14-R-0139

2 HEAD include HYBRIDON, INC

155 FORTUNE BLVD

MILFORD, MA 02139

0 0579-0036

red with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or	or held for these purposes. Attach additional
sheets if necessary.)	
FACILITY LOCATIONS (Sites)	

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach addiditional sheets if necessary or use APHIS FORM 7023A) B. Number of Number of animals upon which teaching, Number of Number of animals upon experiments, research, surgery or tests were animals being animals upon which experiments, conducted involving accompanying pain or distress **Animals Covered** bred. which teaching, teaching, research, surgery, or tests were conditioned, or to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would By The Animal research. TOTAL NO Welfare Regulations held for use in experiments, or OF ANIMALS conducted involving have adversely affected the procedures, results, or teaching, testing, tests were accompanying pain or experiments. interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of conducted distress to the animals (Cois. C + D + E) research, or involving no and for which appropriate the procedures producing pain or distress in these surgery but not pain, distress, or anesthetic, analgesic, or yet used for such use of painanimals and the reasons such drugs were not used tranquilizing drugs were must be attached to this report). purposes. relieving drugs used Dogs Cats 18 Guinea Pigs Hamsters Rabbits Non-human Primates Sheep 11. Pigs 12. Other Farm Animals 13. Other Animals

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and franquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OF I (Chief Executive Officer or Legally Responsible Institutional Officer)	FICIAL cial)	
	Print)	DATE SIGNED
		28 Nov 'oc

(AUG 91)

ASSURANCE STATEMENTS

See reverse side for additional information

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

14-R-0140, Cust ld 1724 2. HEAD

1. REGISTRATION NO.

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NITROMED INC. 12 OAK PARK DRIVE BEDFORD, MA 01730 FORM APPROVED 1 10 0579-0036 ered with USDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles)

NITROMED INC., 12 OAK PARK DR. BEDFORD MA 01730

REPORT OF ANIMALS USED BY C	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A.)	·
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					ļ
8. Rabbits			394		394
9. Non-human Primates					
10. Sheep					
11. Piqs					
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS					

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED 11/20/00

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

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2. HEADOU 14-R-0141, Cust ld 1767

1. REGISTRATION NO.

FORM APPROVED 0579-0036

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ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

include Z

ANTIGENIES, LLC Antigenies, Inc. 34 COMMERCE WAY **WOBURN, MA 01801**

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles)

Animal Facility

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats	1				
6. Guinea Pigs	3	51	7		58
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
-					

ASSURANCE STATEMENTS

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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Legrify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

11-27-00

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SIGNATURE OF C.F.O. OR INSTITUTIONAL OFFICIAL

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

2. HEADQUi include Zi

1. REGISTRATION NO.

14-R-0142, Cust ld 1779

175 CROSSING BLVD

FRAMINGHAM, MA 01702

AQUILA BIOPHARMACEUTICALS

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ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets it necessary)

FACILITY LOCATIONS (Sites)

175 Crossing Blvd. Framingham, MA 01702

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or fests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMAL: (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	13	79	82	0	161
7. Hamsters					
8. Rabbits					ļ
9. Non-human Primates					
10. Sheep					
11. Pigs		· · · · · · · · · · · · · · · · · · ·			
12. Other Farm Animals	-				
13. Other Animals					

ASSURANCE STATEMENTS

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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Lectify that the above is true, correct, and complete (7 U.S.C. Section 2143)	
	DATE SIGNED
	10/16/00

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UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

sheets if necessary.)

14-R-0143, Cust ld 1788 2. HEADQUAR

1. REGISTRATION NO.

'include Zip C

CAMBRIDGE, MA 02139

VERTEX PHARMACEUTICALS, INC.

130 WAVERLY STREET

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Sites)

130 Waverly Street, Cambridge, MA

A. Animals Covered By The Animal Welfare Regulations	B Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthelic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cois. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs	0	0	0	0	0
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

- Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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(Chief Executive Officer or L	JARTES RESEARCH FACILITY OFFICIAL egally Responsible Institutional Official) correct, and complete (7 U S C. Section 2143)	
SIGNATURE OF	FICIAL (Type or Print)	DATE SIGNED
		61 NN00
APHIS FORM (AUG 91)		

UNITED STATES DEPARTMENT OF AGRICULTURE ANIM. L AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO

FORM APPROVED 9-0036

ith USDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

sheets if necessary.)

14-R-0144, Cust ld 1799 2. HEADQUART include Zip C

CHARLES RIVER LABORATORIES, INC.

251 BALLARDVALE ST WILMINGTON, MA 01887

FACILITY LOCATIONS (Siles)

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

Charles River Pharmservices Charles River Laboratories 236 Blackmer Rd Southbridge, MA 01550 251 Ballardvale Street Wilmington, MA 01887 Sierra Biomedical, Div. of CRL Charles River

587 Dunn Circle Sparks, NV 89431 401 S. New Hope Rd. Raleigh, NC 27610

	B. Number of			cessary or use APHIS FORM 7023A) ' E. Number of animals upon which teaching.	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs	15	22	115		1 37
5. Cats	37	307	93		400
6. Guinea Pigs			692		692
7. Hamsters			338		338_
8. Rabbits	19	799	405		1204
9. Non-human Primates	1219	1408	83		1491
10. Sheep	9	114	11		125
11. Pigs	24	38	344		382
12. Other Farm Animals					
Cattle		2427	21		2448
Goats / As	8	21	3		24

ASSURANCE STATEMENTS

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquitizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

11-17-2000

ATE SIGNED

APHIS FORM 7023 (AUG 91)

SIGNATURE

(Replaces VS FORM 18-23 (OCT 88), which is obsolete.)

Attachment to #3

Sierra Biomedical, Div. of CRL 10326 Roselle Street San Diego, CA 92121 14-R-0144

Sierra Biomedical, Div. of CRL 17667 Road 24 Tulare, CA 93274

14-R-0144

tiver reverse shirt for additional information 0180-00A-AN

result in an order to cease and desist and to be subject to penalties as provided for in Section 2150

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO

FORM APPROVED 0579-0036

ed with USDA

7 3 1 8 -2000 ANNUAL REPORT OF RESEARCH FACILITY

(TYPE OR PRINT) REPORTING PERIOD 10/01/99 - 9/30/00 2. HEADOI include . U C B RESEARCH, INC. 840 MEMORIAL DRIVE CAMBRIDGE, MA 02139

14-R-0145, Cust ld 1802

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Siles)

UCB Research, Inc.

Tris report is required by law if USA

840 Memorial Drive, Cambridge, MA

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs		249	1,461		1,710
7. Hamsters			20		20
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					

Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility

- 2) Each principal investigator has considered alternatives to painful procedures.
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of animal care and use.

CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official) Legally that the above is true, correct, and complete (7 U.S.C. Section 2143)				
SIGNATURE OF C. F.O. OR INSTITUTIONAL DESIGNAL	NAME A TITLE OF A CO.	DATE SIGNED		

additional information

0180 DOA AN

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

-tored with USDA,

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEADQ 14-R-0147, Cust ld 8980

INOTEK CORPORATION 100 CUMMINGS DRIVE SUITE 419E BEVERLY, MA 01915

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

INOTER CORP., 100 CUMMINGS CENTER, SUITE 419E, BEVERLY, MA 01915

REPORT OF ANIMALS USED BY O	R UNDER CONTROL OF	RESEARCH FACILITY	(Altach adidilional sheets if ne	cessary or use APHIS FORM 7023A)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which feaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits	4	4			4
9. Non-human Primates					
10. Sheep					
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
ASSURANCE STATEMENTS					

- 1) Professionally acceptable standards governing the care, freatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
- 2). Each principal investigator has considered alternatives to painful procedures
- 3) This facility is adhering to the standards and regulations under the Act, and it has required that exceptions to the standards and regulations be specified and explained by the principal investigator and approved by the Institutional Animal Care and Use Committee (IACUC). A summary of all such exceptions is attached to this annual report. In addition to identifying the IACUC-approved exceptions, this summary includes a brief explanation of the exceptions, as well as the species and number of animals affected.
- 4) The attending veterinarian for this research facility has appropriate authority to ensure the provision of adequate veterinary care and to oversee the adequacy of other aspects of

	CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFI (Chief Executive Officer or Legally Responsible Institutional Official tertify that the above is true, correct, and complete (7 U.S.C. Section 2143)		
SIGNA		e or Print)	DATE SIGNED
APH		***************************************	

UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE 1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

stered with USDA,

ANNUAL REPORT OF RESEARCH FAGILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

2. HEACT inch 14-R-0148, Cust ld 9446

DAVINCI BIOMEDICAL RESEARCH PRODUCTS, INC.

- 20 MAPLE ST

PO BOX 1125 SOUTH LANCASTER, MA 01561

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional

FACILITY LOCATIONS (Sites)

Davinci Biomedical Rosewich Add. 20 Muple St Texus So. Luncuster MA 01561

REPORT OF ANIMALS USED BY C	R UNDER CONTROL OF	RESEARCH FACILITY	(Attach adiditional sheets if ne	cessary or use APHIS FORM 7023A) '	
A. Animals Covered By The Animal Wellare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or tests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used.	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	TOTAL NO. OF ANIMALS (Cols. C + D + E)
4. Dogs			٦١		21
5. Cats			·		
6. Guinea Pigs					
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep			3		3
11. Pigs					
12. Other Farm Animals					
13. Other Animals					
RAT NA MIGENIA			73-N/A		73 NA
MILE NIA			73-N/A 143 N/A		143 NA
ASSURANCE STATEMENTS					

- Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL
(Chief Executive Officer or Legally Responsible Institutional Official)
Licertify that the above is true, correct, and complete (7 H.S.C. Section 2143)

pe or Print)

DATE SIGNED

9-25-00

UNITED STATES DEPARTMENT OF AGRICULTURE

ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1 REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

fered with USDA,

1 8 2000 ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

2. HEAD 14-R-0149, Cust ld 10385

DUPONT PHARMACEUTICALS CO., MEDICAL IMAGIN 331 TREBLE COVE ROAD

NORTH BILLERICA, MA 01862

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary)

FACILITY LOCATIONS (Sites)

Building 500-1

A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, testing, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or lests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, leaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMAL (Cois. C D + E)
4. Dogs			46		46
5. Cats					
6. Guinea Pigs					
7. Hamsters					
8. Rabbits		11			11-
9. Non-human Primates			21		21
10. Sheep					
11. Pigs					
12. Other Farm Animals				*.	
13. Other Animals					

SIGNATUR

- 1) Professionally acceptable standards governing the care, treatment, and use of animals, including approriate use of anesthetic, analgesic, and tranquilizing drugs, prior to, during, and following actual research, teaching, testing, surgery, or experimentation were followed by this research facility.
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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIAL (Chief Executive Officer or Legally Responsible Institutional Official)

Licertify that the above is true, correct, and complete (7 U.S.C. Section 2143)

DATE SIGNED

APHIS F (AUG 91) HEGISTRATION NO

2. HEA:

SORM APPROVED QM8 NO 9573-6635

tered with JSDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ALKERMES, INC 64 SIDNEY ST CAMBRIDGE, MA 02139

:<u>4-R-0150 | Cu</u>st ld 10717

Il redactions on this page are pursuant to (b)(6) & (b)(7)(c).	
	Attach additional
3. REPORTING FACILITY (List all locations where animals were housed or used in actual re-	search, testing, teaching, or experimentation, or field for these purposes. Attach additional

sheets if necessary.)					
		FAC	CILITY LOCATIONS (Sites)		
	asser Street Fa		' (Attach adidilional sheets if ne	cessary or use APHIS FORM 7023A.)	
A. Animals Covered By The Animal Welfare Regulations	B. Number of animals being bred, conditioned, or held for use in teaching, lesting, experiments, research, or surgery but not yet used for such purposes.	C Number of animals upon which teaching, research, experiments, or tests were conducted involving no pain, distress, or use of pain-relieving drugs.	D. Number of animals upon which experiments, teaching, research, surgery, or lests were conducted involving accompanying pain or distress to the animals and for which appropriate anesthetic, analgesic, or tranquilizing drugs were used	E. Number of animals upon which teaching, experiments, research, surgery or tests were conducted involving accompanying pain or distress to the animals and for which the use of appropriate anesthetic, analgesic, or tranquilizing drugs would have adversely affected the procedures, results, or interpretation of the teaching, research, experiments, surgery, or tests. (An explanation of the procedures producing pain or distress in these animals and the reasons such drugs were not used must be attached to this report).	F. TOTAL NO OF ANIMALS (Cols. C + D + E)
4. Dogs					
5. Cats					
6. Guinea Pigs			176		176
7. Hamsters					
8. Rabbits					
9. Non-human Primates					
10. Sheep					
11. Pigs					

ASSURANCE STATEMENTS

12. Other Farm Animals

13. Other Animals

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		ES RESEARCH FACILITY OFFICI y Responsible Institutional Official) , and complete (7 USC Section 2143)		
s			(Type or Print)	DATE SIGNED
Α	*(AUG 91)			

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UNITED STATES DEPARTMENT OF AGRICULTURE ANIMAL AND PLANT HEALTH INSPECTION SERVICE

1. REGISTRATION NO.

FORM APPROVED OMB NO 0579-0036

stered with USDA

ANNUAL REPORT OF RESEARCH FACILITY (TYPE OR PRINT)

All redactions on this page are pursuant to (b)(6) & (b)(7)(c).

ASTRAZENCA 35 GATEHOUSE DR WALTHAM, MA 02451

2. HEA 14-R-0151, Cust Id 11236

3. REPORTING FACILITY (List all locations where animals were housed or used in actual research, testing, teaching, or experimentation, or held for these purposes. Attach additional sheets if necessary.)

FACILITY LOCATIONS (Sites)

REPORT OF ANIMALS USED BY OR UNDER CONTROL OF RESEARCH FACILITY (Attach additional sheets if necessary or use APHIS FORM 7023A.) Number of animals upon which teaching, B. Number of C. Number of D. Number of animals upon experiments, research, surgery or tests were animals being animals upon which experiments, conducted involving accompanying pain or distress bred, conditioned, or which teaching **Animals Covered** teaching, research, to the animals and for which the use of appropriate TOTAL NO. By The Animal research. surgery, or lests were held for use in anesthetic, analgesic, or tranquilizing drugs would experiments, or OF ANIMALS Welfare Regulations conducted involving have adversely affected the procedures, results, or teaching, testing, experiments, tests were accompanying pain or interpretation of the teaching, research, conducted distress to the animals experiments, surgery, or tests. (An explanation of (Cols. C + D + E) research, or involving no and for which appropriate the procedures producing pain or distress in these surgery but not pain, distress, or anesthetic, analgesic, or yet used for such animals and the reasons such drugs were not used use of paintranquilizing drugs were purposes. relieving drugs. must be attached to this report): used 0 Dogs 0 5. Cats 0 Guinea Pigs 0 Hamsters 0 Rabbits 0 Non-human Primates 0 10. Sheep O 11. Pigs 0 12. Other Farm Animals 0 13. Other Animals

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CERTIFICATION BY HEADQUARTES RESEARCH FACILITY OFFICIA	L
(Chief Executive Officer or Legally Responsible Institutional Official)	

I certify that the above is true, correct, and complete (7 U.S.C. Section 2143)

SIGNED

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(AUG 91)

ASSURANCE STATEMENTS